

Abstract of the Disclosure

- A device for sensing unauthorized use of an electronic security device (108) has a host device (101) and a detector with a loop antenna (306) associated with the
- 5 port (112) that receives the electronic security device (108), such as a smart card. The host device comprises a housing (121) having the port formed therein. In one embodiment, the port detector senses radiation emitted from unauthorized use of the electronic security device by attachment of hot-wire conductors to the security device, which conductors carry currents through the port and the detector. In an alternate
- 10 embodiment, the dielectric constant of the electronic security device (108) is measured and compared to a predetermined value for distinguishing a nominal device from one with attached hot wiring.